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	••••				Group Art Unit	2814			
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Application Number	10/632,549
Filing Date	08/02/03
First Named Inventor	Karnezos
Group Art Unit	2811
Examiner Name	Phat X. Cao
Attorney Docket Number	CPAC 1017-2

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pc	Al	5,436,203		Lin	07-25-1995	. ———
ø.	A2	5,495,398		Takiar et al.	02-27-1996	
$\alpha$	A3	5,977,640		Bertin et al.	11-02-1999	
DL.	A4	6,034,875		Heim et al.	03-07-2000	
Þζ	A5	6,201,266		Ohuchi et al.	03-13-2001	<del></del> ,
a	A6	6,316,838		Ozawa et al.	11-13-2001	
X	A7	6,333,552		Kakimoto et al	12-25-2001	
K	A8	6,472,732		Terui	10-29-2002	
X	A9	6,472,741		Chen et al.	10-29-2002	
a	A10	6,545,365		Kondo et al.	04-08-2003	
$\alpha$	A11	6,593,647		<u>Ichikawa</u>	07-15-2003	<del></del>
201	A12	6,599,779		Shim et al.	07-29-2003	<del></del>
PC	A13	6,621,169		Kikuma et al.	09-16-2003	
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Application Number	10/632,549	· · · · · · · · · · · · · · · · · · ·			
Filing Date	08/02/03				
First Named Inventor	Karnezos				
Group Art Unit	2811				
Examiner Name	Unassigned	····			
Attorney Docket Number	CPAC 1017-2				

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<sup>\*</sup>EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number, 2 See attached Kinds of U.S. Patent Documents, 2 Enter Office that issued the document, by the two-letter code (WPO Standard ST.3). \*For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*\* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*\*Applicant is to place a check mark here if English language Translation is attached.

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Filing Date	08/02/03				
First Named Inventor	Karnezos				
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R	Al	6,274,930		Vaiyapuri et al.	08/14/01				
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R	A3	6,376,904		Haba et al:	04/23/02	<del></del>			
PU	A4	6,388,313		Lee et al.	05/14/02				
W	A5	6,400,007		Wu et al.	06/04/02				
R	A6	6,414,381		Takeda	07/02/02				
W	A7	6,424,050		Komiyama	07/23/02				
R	A8	2002/00042	58 Al	Nakayama et al.	01/10/02	_			
Z	A9	2002/00146	89 A1	Lo et al.	02/07/02				
R	A10	2002/01255	57 A1	Chen et al.	09/12/02				
Ø	All	2002/01255		Akram et al.	09/12/02				
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>8</sup> Applicant is to place a check mark here if English language Translation is attached.

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STATEMENT BY APPLICANT	First Named Inventor	Karnezos	1
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)X/	Al	5,550,711	Burns et al.	08-27-1996	
Ŋ	A2	5,898,219	Barrow	04-27-1999	
N/	A3	6,201,302	Tzu	03-13-2001	
X	A4	6,489,676	Taniguchi et al	12-03-2002	
PU	Λ5	6,538,319	Terui	03-25-2003	*
¥	A6	6,737,750	Hoffman et al.	05-18-2004	
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